Nnisarg Gada

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Github: nnisargggada
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Experience

MAARG Nov 2023 - Present
Lead of Technical Development Mumbai
https://maargindia.org

- Built a fast, lightweight **PWA** using **Astro** for the NGO's website.
- Integrated **Google Sheets** for dynamic content management and real-time updates.
- Developed a career exploration tool for **500+ children** to explore tech careers.
- Managed tasks and ensured timely delivery through effective team collaboration.

MUN Society MPSTME May 2024 - Present
Joint General Secretary - Tech Mumbai
https://munsocietympstme.com

- Led the development of **Delego**, an app with **514 registrations** and **600+ installs**, for the MUMBAI MUN 2024 event.
- Managed the transition from **Firebase** to a custom backend, optimizing performance and scalability.
- Worked on key websites, including **mumbaimun.com**, which saw **720 average daily visitors**.
- Directed the team through technical challenges, ensuring high quality results and timely delivery under tight deadlines.

Projects

MUNDRA
Fully-featured custom backend for Model United Nations
https://mundra.nnisarg.in/redoc

- Developed **custom authentication** for secure delegate and organizer login.
- Implemented **automated email notifications** for event updates to **600+** participants.
- Deployed MUNDRA, managing 600+ participants and enhancing event logistics and experience.

FastAPI, Python, Backend, RESTful APIs, Git, Database, JWT, OAuth, DevOps, Open-Source

Stabl
Simple Load Balancer in Go
https://github.com/nnisarggada/stabl

- **Go-based** lightweight **round-robin load balancer** for traffic distribution.
- **Cross-platform** support (Linux, macOS, Windows).
- Features **customizable settings**, **traffic stabilization**, and **logging**.
- Easy setup with **config.json** and command-line options.

Go, Dev Ops, Linux, macOS, Windows, CLI, Open-Source, Backend

SWFT
Temporary File Transfer Platform
https://share.nnisarg.in

- **Web-based** file sharing service for quick and secure file uploads.
- Generate **shareable links** and customize them.
- Supports **curl** and **wget** for command-line file sharing.
- Easy **Docker** setup and configuration.
- **Admin dashboard** for managing uploads.

Web Dev, CLI, curl, wget, Docker, Flask, Python, TailwindCSS, Open-Source

NyChess
Chess game and AI coded in Python
https://github.com/nnisarggada/nychess

- Developed a **custom chess engine** and **AI** using **Python** and **Pygame**.
- Provides **interactive chessboard** with move undo, board flip, and menu controls.
- Supports **Windows** (EXE), **Linux** (AppImage), and manual terminal installation.
- Built entirely with **custom code**, using **Pygame** for the interface.

Python, Chess, Engine, Game, AI, Pygame, GUI, Windows, EXE, Linux, AppImage

Skills

Frontend
● ● ● ● ● ○
Astro, React, Next, TailwindCSS, Javascript, HTML, CSS

Backend
● ● ● ○ ○
Flask, FastApi, Node, Express, MySQL, Python, Go, Golang, SQL, PostgreSQL

Dev Ops
● ● ● ○ ○
Linux, Nginx, Cloudflare, PM2, Cronjobs, Docker

Miscellaneous
● ● ● ○ ○
Github, Figma, Unity, Bash Scripting, Graphic Designing

Languages

English
● ● ● ● ●

Hindi
● ● ● ● ●

Gujarati
● ● ● ● ●

Marathi
● ● ● ● ○

Spanish
● ● ● ○ ○

Education

NMIMS Mumbai (MPSTME) May 2022 - 2026
Computer Engineering Bachelor's Degree
https://engineering.nmims.edu/

- Merit Rank 800 in NMCET 2022

Dr. Pillai Global Academy May 2020 - 2022
33 / 45 IBDP
https://www.dpga.ac.in/

- Green House Captain (2020-22)

Dr. Pillai Global Academy May 2017 - 2020
7A*s and 2As IGCSE
https://www.dpga.ac.in/

- School topper in IGCSE (7A*s and 2As)
- School Head boy (2018-19)